

### Abstract

Optical diffusing structures can be fabricated from photopolymerizable material by directing light through a transparent or translucent substrate and then through the photopolymerizable material for a period of time sufficient to photopolymerize only a portion of the material. The resultant structure can be utilized as a diffuser, a viewing screen, and in other applications, and can be combined with other light-directing structures such as arrays of tapered optical waveguides.

10

15

20

25

30